<!--StartFragment-->RESULT 1
UTPGA
glycoprotein hormones alpha chain precursor - pig
N;Alternate names: choriogonadotropin alpha chain; follicle-stimulating hormone alpha chain; follitropin alpha chain; interstiti
C;Species: Sus scrofa domestica (domestic pig)
C;Date: 24-Apr-1984 #sequence_revision 20-Jan-1995 #text_change 09-Jul-2004
C;Accession: A30339; A91086; A91213; B60584; I46618; A01485
R;Hirai, T.; Takikawa, H.; Kato, Y.
Mol. Cell. Endocrinol. 63, 209-217, 1989
A;Title: Molecular cloning of cDNAs for precursors of porcine pituitary glycoprotein hormone common alpha-subunit and of thyroid
A;Reference number: A30339; MUID:89325834; PMID:2473932
A;Accession: A30339
A;Status: not compared with conceptual translation
A;Molecule type: mRNA
A;Residues: 1-120 <HIR>
A;Cross-references: UNIPROT:P01219; UNIPARC:UPI000011D492
A;Note: authors note that the mature amino-terminal hexapeptide was probably lost during protein purification and confirmed Phe
R;Closset, J.; Maghuin-Rogister, G.; Hennen, G.
Endocrinol. Exp. 8, 164, 1974
A;Title: The amino acid sequence of porcine thyrotropin (TSH) with reference to the molecular evolution of glycoprotein hormones
A;Reference number: A91086
A;Contents: thyrotropin
A;Accession: A91086
A;Molecule type: protein
A;Residues: 31-119 <CLO>
A;Cross-references: UNIPARC:UPI000017342A
R;Maghuin-Rogister, G.; Combarnous, Y.; Hennen, G.
Eur. J. Biochem. 39, 255-263, 1973
A;Title: The primary structure of the porcine luteinizing-hormone alpha-subunit.
A;Reference number: A91213; MUID:74075725; PMID:4770796
A;Contents: lutropin
A;Accession: A91213
A;Molecule type: protein
A;Residues: 31-119 <MAG>
A;Cross-references: UNIPARC:UPI000017342A
R;Combarnous, Y.; Hennen, G.
Biochem. Soc. Trans. 2, 915-917, 1974
A;Title: The disulphide bridges of porcine luteinizing hormone alpha subunit.
A;Reference number: A90350; MUID:75093922; PMID:4448287
A;Contents: annotation; lutropin, preliminary disulfide bonds
A;Note: disulfide bonds shown follow those determined crystallographically for human glycoprotein hormones alpha chain (see A446
R;Nomura, K.; Ohmura, K.; Nakamura, Y.; Horiba, N.; Shirakura, Y.; Sato, Y.; Ujihara, M.; Ohki, K.; Shizume, K.
Endocrinology 124, 712-719, 1989
A;Title: Porcine luteinizing hormone isoform(s): relationship between their molecular structures, and renotropic versus gonadotr
A;Reference number: A60584; MUID:89107050; PMID:2536317
A;Accession: B60584
A;Molecule type: protein
A;Residues: 25-34 <NOM>
A;Cross-references: UNIPARC:UPI000017342B
R;Kato, Y.; Ezashi, T.; Hirai, T.; Kato, T.
J. Mol. Endocrinol. 7, 27-34, 1991
A;Title: The gene for the common alpha subunit of porcine pituitary glycoprotein hormone.
A;Reference number: I46618; MUID:91369449; PMID:1716437
A;Accession: I46618
A;Status: translated from GB/EMBL/DDBJ
A;Molecule type: DNA
A;Residues: 1-120 <KAT>
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C;Genetics:
A;Introns: 33/3; 95/3
C;Superfamily: glycoprotein hormones alpha chain
C;Keywords: glycoprotein; heterodimer; hormone; pituitary
F;1-24/Domain: signal sequence #status predicted <SIG>
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F;35-59,56-110,60-112,87-115/Disulfide bonds: #status predicted
F;38-88/Disulfide bonds: #status experimental
F;80,106/Binding site: carbohydrate (Asn) (covalent) #status experimental

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Qy         61 FSRAYPTPARSKKTMLVPKNITSEATCCVAKAFTKATVMGNAKVENHTECHCSTCYHHK 119
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